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APPLICATION NO.	FILING DA	TE FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/822,703	04/13/20	Masahiro Iwahara	251737US0XDIV	2932	
22850	7590 0	/09/2005	EXAM	EXAMINER	
OBLON, SI	PIVAK, MCCI	SHIPPEN, N	SHIPPEN, MICHAEL L		
	SIREE1 RIA, VA 22314		ART UNIT	PAPER NUMBER	
	,		1621		
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DATE MAILED: 02/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
Office Action Commence	10/822,703	IWAHARA ET AL.				
Office Action Summary	Examiner	Art Unit				
	MICHAEL L. SHIPPEN	1621				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ob(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) days ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. O (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 24 No.	ovember 2004.					
<u></u>	action is non-final.					
3) Since this application is in condition for allowan	Since this application is in condition for allowance except for formal matters, prosecution as to the ments is					
closed in accordance with the practice under E	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims						
4) Claim(s) 8-17 is/are pending in the application.						
4a) Of the above claim(s) is/are withdraw	4a) Of the above claim(s) is/are withdrawn from consideration.					
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>8-17</u> is/are rejected.	☑ Claim(s) <u>8-17</u> is/are rejected.					
	·= ··					
8) Claim(s) are subject to restriction and/or	election requirement.					
Application Papers						
9) The specification is objected to by the Examiner	•					
10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) ☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
Attachment(s)						
1) Notice of References Cited (PTO-892)	4) Interview Summary (
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:	te atent Application (PTO-152)				

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DETAILED ACTION

Claim Rejections - 35 USC § 102

Claims 12, 13 and 15-17 are rejected under 35 U.S.C. 102(b) as being anticipated by USP 4,308,404, USP 4,391,997 or USP 4,400,555 each optionally in view of USP 5,777,180 for reasons of record. The fact that the references do not disclose the claimed range of 20 tot 65 mol% for a methanol concentration in the range of 700 to 8000 ppm is simply of no moment. The claims also read on a modification of 10 to less than 20 mol% with a methanol concentration below 250 ppm, which reads on the prior art processes.

Claim Rejections - 35 USC § 103

Claims 12, 13 and 15-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over USP 4,308,404, USP 4,391,997 or USP 4,400,555 each optionally in view of USP 5,777,180 for reasons of record and reasons given above.

Claims 12, 13 and 15-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over USP 5,780,690 or JP-10-175898 each optionally in view of USP 4,391,997 and USP 4,400,555 for reasons of record. Applicants' argument with respect to the instant rejection is not clear but apparently relies upon their argument stated above that the references does not disclose the claimed range of 20 tot 65 mol% for a methanol concentration of 700 to 8000 ppm. This is simply of no moment as pointed out above since the claims read on modification of 10 to less than 20 mol% with a methanol concentration below 250 ppm which reads on the prior art processes.

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Claims 8-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over JP-10-251179 optionally in view of USP 5,780,690, USP 4,391,997 and USP 4,400,555 for reasons of record. Contrary to applicant's assertion, the secondary references do teach the use and advantages of multistage reaction systems as pointed out in the last Office action. The fact that the example of JP-10-251179 exemplifies the use of 10,000 ppm of methanol does not distinguish the claims from the prior art. The reference is not limited to its examples. Applicant's reliance upon their examples given in the instant specification is noted but not found persuasive of patentability. The examples are not considered to be representative of the prior art nor are they commensurate in scope with the claims. Comparative Example 2 of the specification differs from the prior art example in several ways such as to the sulfur promoter used and the amount modification of the ion exchange resin and the like. None of the instant examples is representative of the claimed process closest to the prior art. Nor do any of the examples differ only as to the amount of the methanol present. Moreover, it is clear from the teaching of the prior art that the amount of modification can be optimized for a particular methanol concentration.

Double Patenting

Claims 8-17 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-6 of copending Application No. 10/433155 in view of USP 4,400,555 for reasons of record. Applicant's conditional willingness to file a terminal disclaimer is not seen to address the rejection in a timely manner.

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Claims 8-17 are rejected under the judicially created doctrine of obviousness-

type double patenting as being unpatentable over claims 1-5 of USP 6,740,784 for

reasons of record. Applicant's conditional willingness to file a terminal disclaimer is not

seen to address the rejection in a timely manner.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael L. Shippen whose telephone number is (571) 272-0647. The Examiner's normal tour of duty is 7:30 AM to 4:00 PM. Any inquiry of a general nature or relating to the status of this

application should be directed to the Group receptionist whose telephone number is (571) 272-1600. The

official group FAX machine number is 703-872-9306.

MShippen

February 7, 2005

PRIMARY EXAMINER

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